

Table ES-8: U.S. Sources of CO₂ Emissions and Sinks (Tg CO₂ Eq.)

Source or Sink	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Fossil Fuel Combustion	4,814.8	4,786.4	4,882.3	4,999.9	5,085.6	5,141.5	5,325.8	5,400.0	5,420.5	5,488.8	5,692.2	5,614.9
Electricity Generation	1,805.0	1,804.7	1,817.7	1,891.5	1,916.0	1,931.8	2,003.9	2,070.8	2,160.3	2,173.5	2,277.8	2,242.8
Transportation	1,470.5	1,437.1	1,471.9	1,501.4	1,549.8	1,577.8	1,617.4	1,626.9	1,653.9	1,713.0	1,762.7	1,780.9
Industrial	955.3	943.5	984.0	979.2	997.7	1,002.6	1,039.5	1,050.8	1,000.1	973.2	991.1	937.7
Residential	328.9	339.6	348.4	367.3	357.7	358.5	388.6	371.7	338.8	357.3	373.9	363.3
Commercial	221.4	222.3	222.8	221.1	222.7	226.9	236.4	237.1	219.5	221.7	234.3	235.9
U.S. Territories	33.7	39.3	37.5	39.5	41.7	44.0	40.1	42.8	47.9	50.2	52.3	54.4
Iron and Steel Production	85.4	76.2	75.0	69.9	73.6	74.4	68.3	71.9	67.4	64.4	65.8	59.1
Cement Manufacture	33.3	32.5	32.8	34.6	36.1	36.8	37.1	38.3	39.2	40.0	41.2	41.4
Waste Combustion	14.1	15.7	16.3	17.1	17.8	18.5	19.4	21.2	22.5	23.9	25.4	26.9
Ammonia Manufacture & Urea Application	19.3	19.2	20.0	20.4	21.1	20.5	20.3	20.7	21.9	20.6	19.6	16.6
Lime Manufacture	11.2	11.0	11.4	11.6	12.1	12.8	13.5	13.7	13.9	13.5	13.3	12.9
Natural Gas Flaring	5.5	5.6	5.1	6.5	6.6	8.7	8.2	7.6	6.3	6.7	5.5	5.2
Limestone and Dolomite Use	5.5	4.8	4.8	4.9	5.6	7.0	7.6	7.1	7.3	7.7	5.8	5.3
Aluminum Production	6.3	6.4	6.3	5.8	5.1	5.3	5.6	5.6	5.8	5.9	5.4	4.1
Soda Ash Manufacture and Consumption	4.1	4.0	4.1	4.0	4.0	4.3	4.2	4.4	4.3	4.2	4.2	4.1
Titanium Dioxide Production	1.3	1.3	1.5	1.6	1.7	1.7	1.7	1.8	1.8	1.9	1.9	1.9
Carbon Dioxide Consumption	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3
Ferroalloys	2.0	2.0	2.0	2.0	1.8	1.9	2.0	2.0	2.0	2.0	1.7	1.3
Land-Use Change and Forestry (Sink) ^a	(1,072.8)	(1,060.8)	(1,066.8)	(1,066.2)	(1,070.6)	(1,064.2)	(1,061.0)	(840.6)	(830.5)	(841.1)	(834.6)	(838.1)
International Bunker Fuels ^b	113.9	119.9	109.9	99.8	98.0	101.0	102.3	109.9	112.9	105.3	99.3	97.3
Total	5,003.7	4,966.2	5,062.4	5,179.3	5,272.1	5,334.4	5,514.8	5,595.4	5,614.2	5,680.7	5,883.1	5,794.8
Net Emissions (Sources and Sinks)	3,930.9	3,905.4	3,995.6	4,113.1	4,201.6	4,270.3	4,453.8	4,754.7	4,783.7	4,839.6	5,048.5	4,956.7

^a Sinks are only included in net emissions total, and are based partially on projected activity data. Parentheses indicate negative values (or sequestration).^b Emissions from International Bunker Fuels are not included in totals.

Note: Totals may not sum due to independent rounding.